"The South 40"
by JAMES A. SMITH
EXTENSION AGENT

Some flue tobacco was topped last week-fire cured will follow shortly. The problem that is discussed below relates to flue tobacco-fire cured tobacco is in good shape.

When topping begins we need to think about sucker control. MH-30 has been around for a long time and today there's really no acceptable substitute. There are some new materials at the research level that are markedly different from MH-30, but we don't know about their ability to retard growth or their effect on the cured leaf. This simply means we're going to have to stay with MH-30 for the immediate future.

For nearly 20 years growers have relied on MH-30 as a means of reducing labor cost and improving yield of tobacco. We've known for some time that flue tobacco treated with MH-30 reflects lower incotine content, increased sugar content, and reduced the filling value of the cured leaf.

There has been a tendancy for farmers to use MH-30 at rates higher than those recommended. So much has been applied that most flue cured tobacco contains 100-150 ppm.

On January 1 this year, West Germany issued regulations that require all tobacco products not to contain more than 80 ppm. This is being interpreted that the raw leaf purchased in the U. S. must have a MH-30 residue of 80 ppm or less. It's anticipated that by 1980 all European Common Market countries will require the same condition.

Samples taken from Old Belt tobacco shows the following trends in MH-30 residue in parts per million for the past four years:

	1973	1974	1975	1976
Tips	99	88	106	136
Leaf	87	79	125	129

Research work in North Carolina shows there were several factors that affected the amount of residue. The higher the position of the leaf on the stalk showed a higher residue. Also the sooner leaves were harvested following treatment, the higher the residue. A waiting period of 5 to 7 days between MH application and the first harvest, and about 7 days between harvests will lessen the problem of high residues.

What to do? Read and follow the label directions on the sucker control material that you'll use this year. Fire Cured growers need to stay on top of their situation. It's the delay between application and harvest that gives them such a good record.

* *

In recent days we've received calls about sweet corn forming a long shoot or sucker at the junction of the stalk and leaf rather than a conventional ear. This is probably caused by a genetic fault. Whenever this occurs, it should be reported to the place you purchased the seed so they can report the improper growth to their supplier.

I'm told that this year some commercial growers of Zucchini squash had maybe one in a hundred plants producing stripped squash. Flavorwise, they were just as good as the solid green, but they were unacceptable to the trade. This is another example of a genetic flaw, fault, sport, or whatever term you may wish to use.

* *

It's time to get green beans, squash, cucumbers, beets, lettuce, broccoli, cabbage, cauliflower and fall greens planted for fall and winter use.

Mt. Zion

"Unto Thee will I cry, O Lord, my rock."

There will be a lawn party at Mt. Zion Baptist Church this Saturday, July 29th, at 6 p.m. It will be chittering plates, hot dogs, hamburgers, home made ice cream and etc.

"Come out and help the Ladies Club," says Dianne Meggerson and Anna Ferguson.

The Mt. Zion meeting will start the third Sunday in August. "Come out everyone. We will have a good time," says Mrs. Bass Ferguson.

Carter Proclaims July 25-31 National Farm Safety Week

WASHINGTON -- President Jimmy Carter, in a special proclamation, has designated July 25-31 as National Farm Safety Week in America. The theme for this year's observance, "MANAGE to prevent Farm and Ranch Accidents," marks the 35th annual observance of National Farm Safety Week.

Sponsored jointly by the National Safety Council and the U.S. Department of Agriculture, the observance emphasizes the need for farm safety as a means of reducing costly accidents that hamper agricultural productivity and cause great personal loss to thousands of farm families annually.

"All Americans, and a sizeable portion of the rest of the world's people, depend upon American agriculture for much of their food and fiber," the President noted in his proclamation. "Anything that diminishes the ability of farmers and ranchers to meet these vital needs is of great concern."

"Farm safety leaders believe that most farm accidents could be prevented with greater care in controlling hazards and unsafe practices--the same kind of dedicated, careful management and attention to detail that has made possible our incredible increase in agricultural production."

During 1977, approximately 5,400 farm residents lost their lives in accidents and another 480,000 suffered disabling injuries, according to preliminary estimates from the National Safety Council. About 1,800 deaths and 180,000 disabling injuries were classified as farm work accidents. Work deaths and injuries to farm and ranch residents accounted for 1,600 and 160,000 of these total respectively.

Nearly $4 billion is being lost annually through farm and ranch accidents, injuries and deaths, statistics show. This figure does not include the costs in terms of human suffering, grief and hardship.

Be Wise-Safely Handle Pesticides

National Farm Safety Week
July 25 -31

When making preparations to apply a pesticide, remember these safety precautions:

Plan ahead - Have soap and water nearby for emergencies or clean-up. Check the label and read it carefully. Choose a time when weather conditions are right.

Move pesticides safely - Place containers so that they cannot shift, roll or bounce around. Place them away from passengers and other supplies, never inside your car or truck cab.

Wear protective clothing - Use common sense and follow manufacturer's directions. The label will give the precautions necessary for the pesticide being used.

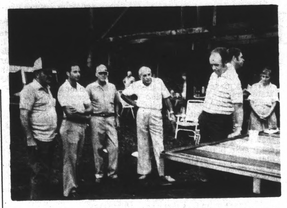
Exercise care and caution while mixing and filling - Protective gear is especially important. Mix only what you will use. Open packages carefully. If spills occur, clean them up immediately.

Always read and heed manufacturer's directions and warnings - Directions on the label and a large dose of your own common sense are a sure combination for safety in using pesticides. If you have further questions or need assistance, contact your local Extension Office.

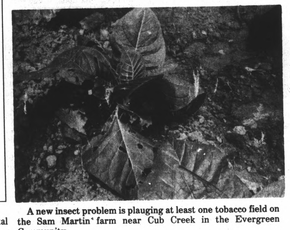
CHEERLEADERS CAMP AT LONGWOOD COLLEGE

There are still a few places remaining at the Nation-Wide Cheerleaders Association Workshop at Longwood College, Farmville, Virginia. Jumps, pom-pon rountines, new yells, mounts, Crowd-leadership, Variety Show, and a giant Pep Rally are just a few of the activities planned. This Workshop, scheduled for August 6-9, will feature the staff of Nation-Wide Cheerleaders Association under the direction of Ron and Jean Zucchelli, founders. Cheerleaders from several states will attend.

To register, call (412) 349-2017 or 463-3725 or write to Nation-Wide Cheerleaders Association, 2719 Melloney Lane, Indiana, PA 15701.



Sam Martin and Dick Thompson contemplate the problem of beef cattle production with other cattlemen attending the summer meeting of the Appomattox Cattlemen's Association.



A new insect problem is plauging at least one tobacco field on the Sam Martin' farm near Cub Creek in the Evergreen Community.

In the picture note the extensive feeding being done by the Black Cutworm. Generally cutworms are pests of early season transplanted crops. In this field they are feeding on the bottom leaves and in some cases cutting off the leaf and then eating it. These insects measured as much as one and one quarter inch long.

The recommended control material is Orthene at the rate of one pound per acre.

J. A. Smith, Extension Agent, suggested that growers affected by unusual diseases or insects can bring specimens to the County Extension Office for help in identification and control.

YOUNG HEARTS CLUB TO MEET

The Young Hearts Club will hold their regular meeting and a covered dish picnic on July 27th on the "rocks" on Old Rocks Church grounds at 11 o'clock.

The event is looked forward to each year. Please meet at Memorial United Methodist Church promptly at 10:30 a.m. so that we can share rides.

39 Troopers Graduated From Police Training School

The 64th State Police Basic Training School graduated 39 troopers at State Police Headquarters in Richmond at 10 a.m. on July 14, 1978, Colonel D. M. Slane, Superintendent of the Department has announced.

Stanford Len Foutz of Spout Spring is listed among the graduates and will be assigned to duty in Millboro.

In addition to a minimum of 30 days of field training with an experienced trooper, the graduates have had 20 weeks of basic training which included field and classroom work totalling 1,017 hours, exclusive of study periods, and covered 14 subjects.

The new troopers reported to their duty stations July 16th. There then will be 894 troopers, including the graduates, stationed throughout the State. These do not include uniformed supervisory personnel.

Main speaker for the ceremonies was the Honorable William H. Hodges, Judge, First Judicial Circuit, Circuit Court of The City of Chesapeake. Colonel Slane also addressed the class.

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Pamplin

Mrs. C. W. Slayton had as her guest Sunday Mr. and Mrs. Russell Burch and Mrs. Virgel Warren of Danville.

Mrs. Maude Hurt of Annapolis, Md., Eddie and Kevin Dalton of Oxen Hill, Md. and Mr. and Mrs. Lacy Dickerson and son Baxter of Portsmouth, VA.

Mrs. W. B. William of Richmond visited relatives over the week end.

Mr. and Mrs. Clem Woodall of Lynchburg were guest of Mr. and Mrs. Lloyd Inge over the week end.

Mr. Ben Spear of Orlando, Florida are visiting relatives here.

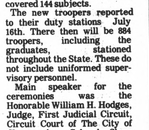
Mr. and Mrs. Edward Davis, Mr. Harry Davis and Jennifer of Richmond attended the Batema-Howard wedding at Thomas Road Baptist Church, Lynchburg last Saturday night.

Toga's Horse Show Winners

The Grand Champion winners of the speed events in the Toga Horse Show held Saturday, July 22nd, have been announced.

Ronnie Wright of Madison Heights, riding "Stuart Barrs," was Grand Champion winner in the Senior Division and W. I. Scruggs of Buckingham, riding "Sundance," was winner in the Junior Division.

The Horse Show was held at Toga Community Center.



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108th Annual Session of Hasadiah Baptist Association and 47th of Women's Auxiliary

The 108th Annual Session of the Hasadiah Baptist Association and the 47th Session of Women's Auxiliary will convene at the Mercy Seat Baptist Church this Wednesday, Thursday and Friday. The theme this year is: Re-building the walls of christianity with faith and action. The following program has been planned: Wednesday evening July 26, 7 p.m. opening statement by the moderator; 7:30 to 9 p.m. choir concert. Thursday morning beginning at 9:30 a.m., registration devotions, Introductory sermon, work shop on mission, offering and appointment of committees, lunch will be served at 12:30. The moderator will preside during the morning session. The afternoon session will begin at 1:30 with the first vice president, Rev. E. R. Berryman presiding. Devotions will be led by the Calvary Baptist Church. The moderator will deliver his address. A workshop on stewardship will be conducted by Dr. L. L. Beale of Virginia College. The evening session will begin at 7 p.m. and the Rev. C. W. Dunning, 3rd Vice President and Youth Director will present a special youth program. Friday, July 28 will be conducted by the Ladies Auxiliary. The afternoon will include the final business session of both bodies. The Rev. L. E. Hankins, second vice president will preside. The closing sermon will be delivered be the Rev. Donald Johnson. The general public is cordially invited the different sessions. The Rev. W. R. Jones is moderator and Mrs. Correr Dickerson is president of the Auxiliary.

The officers, members and friends are cordially invited to attend the special service at the Galilee Baptist Church this Sunday at 11 a.m. The entire service is given for the benefit of the cemetery fund.

The Sunday School Union will convene at the Promiseland Baptist Church this Sunday at 10 a.m. Members and friends are cordially invited to attend.

A very large crowd attended the annual home coming and the beginning of the annual revival at the Jordan Baptist Church Sunday. The pastor of the church delivered the morning sermon and the Rev. G. R. Bolden and his Timothy Baptist Church and Junior choir conducted the evening evening service. All present were uplifted. Dinner was served to all members and guest by the ladies of the church. Service will be rendered by the Rev. Roy Austin of the Cross Road Baptist Church throughout the week.

Impressive service was held at the Promise Land Baptist church Sunday. Several visitors were present. Beautiful music was rendered by the church choir. During the offering perior, a love offering was lifted for deacon Clarence Wheeler.

Revival and homecoming service will be held at the Galilee Baptist Church on the first Sunday in August. The public is cordially invited to attend.

Mrs. T. W. Hamlet has returned to her home after receiving treatment in the Lynchburg General Marshall Lodge Hospital. She is improving nicely.

Mrs. Lorraine Booker is improving after undergoing surgery in the Virginia Baptist Hospital.

Mr. and Mrs. Frank Johnson and Mr. and Mrs. Lacy Allen have returned home from vacationing in New York, Nigara Falls and Canada too.

Rev. James Franklin, Jr and choir will be the guest of the Ladies Aid of the Zion Baptist on Sunday, July 30, 1978 at 11 a.m. Come on out to hear him. It is the Ladies Aid 61st Aniiversary. Mrs. Magnolia Wallace is visiting Mr. and Mrs. Bernard Lawson. Mr. Jacob Hamlett and Mrs. Susie Hunter are on the sick list. Visitors during Mrs. Hunter's sickness were Mrs. Geneva Wiggins, Mrs. Barbara Rateliff, Mrs. Etta Edwards, Mrs. Magnolia Franklin, Mrs. Florence Matthews and Mrs. Sarah Pennix and son, Mr. William Hunter from Baltimore, Maryland. The Senior Usher Board held its monthly meeting at the Zion Baptist Church with Ms Barbara Hunter, vice president, presiding over the meeting and Mrs. Nannie Johnson recording secretary and Mrs. Magnolia Franklin took charge of devotion.

Vepco Wants To Add Gas Customers

Virginia Electric and Power Company today filed with the State Corporation Commission a request to add a limited number of gas customers.

In a letter accompanying the requested changes, Vepco Executive Vice President William W. Berry said that the Company will be able to sell an additional 170,000 MCF (thousand cubic feet) of gas beginning August 1, 1978.

"With the improved natural gas supplies and Vepco's newly acquired storage capability this additional load will not have a detrimental effect on our existing customers," he explained.

Vepco presently serves 118, 657 residential, commercial, and industrial customers in the Tidewater area of Virginia. The additional 170,000 MCF will allow the Company to serve approximately 2,000 new customers.

"We expect to serve a combination of residential, small commercial, and industrial customers," said Mr. Berry. "The limitations will be on the amount of gas we have available to sell (additional 170,000 MCF a year) and the location of the new customers. We will not be installing new gas mains but we will connect new customers to existing mains."

Turn down the water heater thermostat. The U. S. Department of Energy (DOE) estimated that you can save at least $20 a year by lowering the setting on your electric water heater from 150 to 130 degrees. savings will be less for natural gas heaters.) The higher the temperature inside a water heater, the more heat that's lost through the walls of the tank. Thus, you can save even more by dropping the temperature to 120 degrees. If you have a dishwasher, the thermostat probably should not be set below 140 degrees, but 120 should be more than satisfactory for most manual tasks. A $20 or more savings is a good return for the few minutes it takes to remove the two plates from the front of the heater (remember to cut off the circuit breakers), push back the insulation and move the thermostat pointers to a lower setting.

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Reg. $13.00 SALE $9.88

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